	Application No.	Applicant(s)
Notice of Allowability	09/943,900	ARROUYE ET AL.
	Examiner	**Art Unit**	
	Lewis A. Bullock, Jr.	2195	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed June 13, 2006.*

2. ☒ The allowed claim(s) is/are *24-37 and 52-75 now renumbered 1-38.*

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

LEWIS A. BULLOCK, JR.
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Jim Scheller on August 28, 2006.

The application has been amended as follows:

- On the pre-amendment filed August 30, 2001 regarding page 1, lines 11-12, after

   "09/162,125", **insert** "issued as U.S. Patent No. 6,486,897"

- On the pre-amendment filed August 30, 2001 regarding page 1, lines 15-16, after

   "09/162,126", **insert** "issued as U.S. Patent No. 6,532,472".

- Regarding claim 24, line 28, after "software module", **INSERT** "and without using

   a count".

- Regarding claim 27, line 33, after "software module", **INSERT** "and without using

   a count".

- Regarding claim 36, line 17, after "software module", **INSERT** "and without using

   a count".

- Regarding claim 52, line 29, after "has been met", **INSERT** "and without using a count".

- Regarding claim 52, line 29, **REPLACE** "into" with "not"

- Regarding claim 55, line 29, after "has been met", **INSERT** "and without using a count".

- Regarding claim 56, line 30, after "unloading", **INSERT** "and without using a count".

- Regarding claim 57, line 29, after "unloading", **INSERT** "and without using a count".

- Regarding claim 58, line 19, **REPLACE** "as" with "has".

- Regarding claim 58, line 19, after "been met", **INSERT** "and without using a count".

- Regarding claim 59, line 18, after "memory", **INSERT** "and without using a count".

- Regarding claim 60, line 23, after "has been met", **INSERT** "and without using a count".

- Regarding claim 63, line 27, after "software module", **INSERT** "and without using a count".

- Regarding claim 64, line 23, after "delay", **INSERT** "and without using a count".

- Regarding claim 68, line 25, after "software module", **INSERT** "and without using a count".

- Regarding claim 74, line 14, after "delay period", **INSERT** "and without using a count".

- Regarding claim 75, line 26, after "automatically", ", **INSERT** "and without using a count".

- Cancel claims 76-86.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 a.m. - 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

August 30, 2006

LEWIS A. BULLOCK, JR.
PRIMARY EXAMINER